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# BULLETIN OF BUSINESS RESEARCH

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*College of Commerce and Administration, The Ohio State University*

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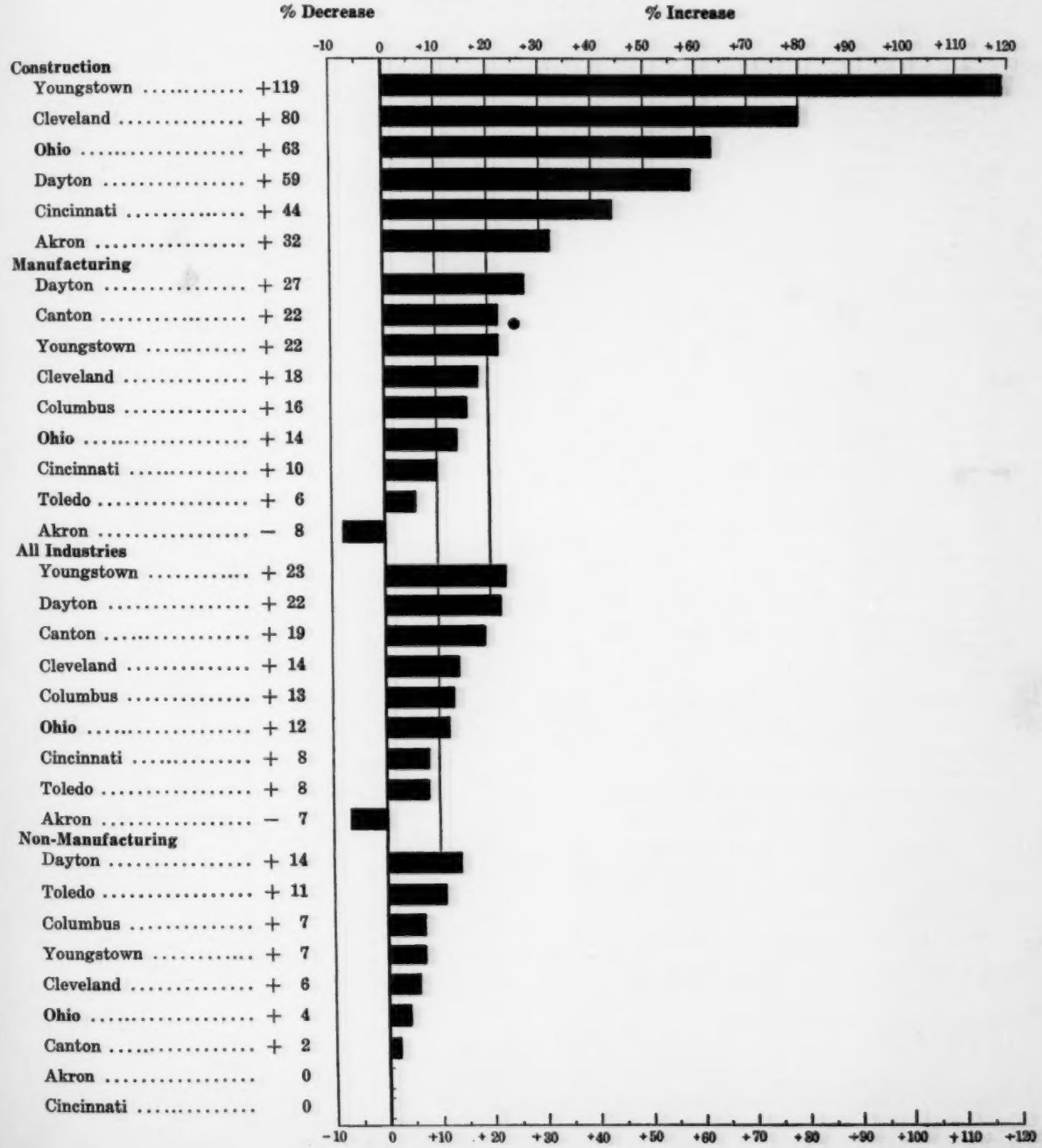
## CHANGES IN EMPLOYMENT IN OHIO AND OHIO CITIES BY MAJOR INDUSTRIAL GROUPS

**April, 1937 from April, 1936**



## EMPLOYMENT AND PAYROLLS IN OHIO[a]
April, 1937

| Industrial Group | Index 1926 = 100 | | Change | | Payrolls: Change |
|---|---|---|---|---|---|
| | Apr.[b] 1937 | Mar.[c] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | Apr. 1937 from Mar. 1937 |
| | | | % | % | % |
| **ALL INDUSTRIES (8256)** | 107 | 106 | + 1 | + 12 | + 5 |
| **Total Manufacturing (2161)** | 110 | 109 | (1) | + 14 | + 5 |
| Chemicals (134) | 119 | 117 | + 1 | + 17 | + 2 |
| Food Products (264) | 110 | 111 | — 1 | + 6 | + 2 |
| Bakery (83) | 148 | 154 | — 3 | + 4 | — 3 |
| Miscellaneous (181) | 96 | 95 | (1) | + 10 | + 6 |
| Lumber Products (105) | 89 | 90 | (1) | + 26 | + 5 |
| Furniture (39) | 100 | 101 | — 1 | + 28 | + 5 |
| Miscellaneous (66) | 77 | 76 | (1) | + 20 | + 2 |
| Machinery (191) | 136 | 135 | (1) | + 20 | + 5 |
| Elec. Mach., App. and Supplies (120) | 190 | 190 | (1) | + 19 | + 4 |
| Machine Tools (56) | 134 | 131 | + 2 | + 32 | (1) |
| Material Handling and Power Mach. (10) | 105 | 103 | + 2 | + 14 | + 7 |
| Spec. Purpose Mach. and Appliances (5) | 104 | 103 | + 1 | + 2 | + 11 |
| Metal Products (638) | 117 | 116 | + 1 | + 21 | + 10 |
| Foundry Prod. and Drop Forgings (280) | 132 | 130 | + 1 | + 29 | + 5 |
| Pipes, Pumps, Valves and Plumbers' Sup. (18) | 73 | 75 | — 3 | + 13 | + 1 |
| Screw Mach. Products and Hardware (45) | 108 | 108 | (1) | + 20 | + 5 |
| Sheet Metal Works (68) | 115 | 121 | — 5 | + 10 | (1) |
| Steel Works and Rolling Mills (80) | 126 | 123 | + 3 | + 20 | + 16 |
| Stoves and Furnaces (37) | 168 | 167 | (1) | + 6 | — 2 |
| Miscellaneous (110) | 145 | 146 | (1) | + 33 | (1) |
| Paper and Printing (310) | 127 | 126 | (1) | + 9 | (1) |
| Paper, including Stationery (32) | 135 | 134 | + 1 | + 12 | + 3 |
| Print. and Publish. (224) | 120 | 120 | (1) | + 6 | (1) |
| Miscellaneous (54) | 123 | 119 | + 3 | + 13 | + 4 |
| Rubber Products (44) | 77 | 77 | (1) | — 7 | — 1 |
| Tires and Tubes (9) | 72 | 72 | (1) | (1) | — 1 |
| Miscellaneous (35) | 133 | 135 | — 1 | + 14 | — 1 |
| Stone, Clay, and Glass Products (140) | 114 | 110 | + 3 | + 13 | + 4 |
| Brick and Tile (75) | 44 | 41 | + 8 | + 27 | + 14 |
| Glass (12) | 309 | 306 | (1) | + 5 | + 3 |
| Vitreous and Semi-vitreous China and Pottery (31) | 83 | 83 | (1) | + 6 | — 5 |
| Miscellaneous (22) | 64 | 61 | + 5 | + 30 | + 4 |
| Textiles (148) | 109 | 111 | — 1 | + 2 | — 7 |
| Men's Clothing (70) | 139 | 141 | — 2 | + 6 | — 8 |
| Miscellaneous (78) | 82 | 83 | — 1 | — 11 | — 6 |
| Vehicles (64) | 103 | 103 | (1) | + 13 | (1) |
| Autos and Parts (50) | 112 | 111 | + 1 | + 10 | (1) |
| Cars, Electric and Street Railway (6) | 15 | 23 | — 35 | — 21 | — 22 |
| Miscellaneous (8) | 98 | 108 | — 9 | + 62 | — 7 |
| Miscellaneous Manufacturing (123) | 117 | 115 | + 2 | + 9 | — 4 |
| **Non-Manufacturing (4960)** | 87 | 87 | (1) | + 4 | + 2 |
| Service (896) | 103 | 101 | + 2 | + 7 | + 4 |
| Trade (Retail and Wholesale (4099) | 109 | 109 | (1) | + 1 | + 1 |
| Transportation and Public Utilities (565) | 85 | 83 | + 2 | + 10 | + 1 |
| **Construction (1135)** | 61 | 52 | + 17 | + 63 | + 27 |

[a]Based on reports from individual cooperators, tabulated by the United States Bureau of Labor Statistics and compiled by the Ohio State University Bureau of Business Research. The total number of employees indicated in this tabulation was 581,153 in April. [b]Preliminary. [c]Revised. (1)Less than 1%.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**Footnotes to table on page 3**

[a]Preliminary. [b]Revised. [c]Based on reports from individual cooperators to the United States Bureau of Labor Statistics. [d]Figures in parentheses indicate the number of cooperating firms. [e]New car bills-of-sale filed from Clerks of Courts. [f]Based on data from the Federal Reserve

(*Continued in Column 2*)

## SUMMARY OF BUSINESS STATISTICS FOR OHIO
April, 1937

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Changes: April 1937 from March 1937 | April 1937 from April 1936 | 5-Year Avg. April from March | First Four Months 1937 from 1936 |
|---|---|---|---|---|---|---|
| **Index of Gross Cash Agricultural Income.[c] 1924-28 Average = 100** | | | | | | |
| | | | % | % | % | % |
| TOTAL | 102 | 92 | + 11 | + 24 | — | + 22 |
| Meat Animals | 122 | 111 | + 10 | + 23 | — | + 20 |
| Dairy Products | 93 | 94 | — 1 | + 12 | — | + 16 |
| Grains | 83 | 86 | — 3 | + 80 | — | + 50 |
| Poultry and Eggs | 82 | 70 | + 17 | + 9 | — | + 4 |
| Potatoes | 15 | 62 | — 76 | + 36 | — | + 72 |
| Wool | 287 | 0 | (2) | + 33 | — | + 33 |
| **Other Ohio Business Indicators. 1926 Average = 100** | | | | | | |
| Bank Debits Index[d] | 91 | 91 | (1) | + 22 | + 8 | + 22 |
| Retail Sales (935)[e] | — | — | + 2.5 | + 18.2 | — | — |
| Number of New Car Bills of Sale Filed:[f] | | | | | | |
| Passenger Cars | 26,831 | 34,334 | — 22 | + 5 | — | — |
| Trucks | 3,185 | 3,838 | — 17 | + 16 | — | — |
| Index of: | | | | | | |
| Value of Construction Contracts Awarded[g] | 48 | 40 | + 20 | + 21 | + 19 | + 54 |
| Power Production[h] | 177 | 174 | + 2 | + 14 | — | + 16 |
| Commercial Failures:[i] | | | | | | |
| Number | 47 | 50 | — 3* | + 13* | — | — 8* |
| Liabilities (000 Dol.) | 643 | 374 | + 72 | + 16 | — | — 22 |

[a]Preliminary. [b]Revised. [c]Computed by the Department of Rural Economics, The Ohio State University. [d]Average daily value. Basic data from the Federal Reserve Board. [e]The number of reports from individual cooperators to the Bureau of Business Research in cooperation with the United States Department of Commerce. Not adjusted for number of working days. [f]Clerks of Courts of 79 of the 88 counties in Ohio are now reporting. [g]Average daily value. Basic data F. W. Dodge Corporation. [h]Basic data from Federal Power Commission. These are March and February data. [i]Average daily value. Basic data from Dun and Bradstreet, Inc. (1)Less than 1% change. (2)More than 1000% increase. *Change in number of failures.

## NEW AUTOMOBILE BILL-OF-SALE REGISTRATIONS

| Make of Car | 8-Major Ohio Counties[a] | | | | | | U.S.[b] |
|---|---|---|---|---|---|---|---|
| | Apr. 1937 | Mar. 1937 | Change: Apr. 1937 from Mar. 1937 | Change: Apr. 1937 from Apr. 1936 | Percentage of Total: Apr. 1937 | Percentage of Total: Mar. 1937 | Per Cent of Total March 1937 |
| | *Number* | *Number* | % | % | % | % | % |
| Ford | 4,163 | 5,043 | — 17.4 | + 21.7 | 26 | 24 | 24 |
| Chevrolet | 3,403 | 4,269 | — 20.3 | — 11.9 | 21 | 20 | 21 |
| Pontiac | 1,278 | 1,587 | — 19.5 | + 33.4 | 8 | 7 | 5 |
| Plymouth | 1,248 | 2,431 | — 48.7 | — 45.7 | 8 | 11 | 14 |
| Buick | 987 | 955 | + 3.4 | + 67.5 | 6 | 4 | 5 |
| Dodge | 914 | 1,404 | — 34.9 | — 23.1 | 6 | 7 | 8 |
| Oldsmobile | 841 | 1,041 | — 19.2 | — 12.2 | 5 | 5 | 5 |
| Packard | 614 | 589 | + 4.2 | + 139.5 | 4 | 3 | 3 |
| Willys | 439 | 617 | — 28.9 | + 703.9 | 3 | 3 | 1 |
| Nash-Lafayette | 407 | 501 | — 18.8 | + 140.5 | 3 | 2 | 2 |
| Studebaker | 336 | 366 | — 8.2 | + 28.8 | 2 | 2 | 2 |
| Chrysler | 335 | 601 | — 44.3 | + 9.5 | 2 | 3 | 3 |
| DeSoto | 324 | 690 | — 53.0 | + 66.1 | 2 | 3 | 2 |
| Terraplane | 280 | 587 | — 52.3 | — 28.1 | 2 | 3 | 2 |
| LaSalle | 141 | 156 | — 9.6 | + 143.1 | (1) | (1) | (1) |
| Lincoln | 119 | 144 | — 17.4 | + 170.0 | (1) | (1) | (1) |
| Graham | 92 | 134 | — 31.3 | + 9.9 | (1) | (1) | (1) |
| Cadillac | 77 | 59 | + 30.5 | + 20.0 | (1) | (1) | (1) |
| Hudson | 57 | 116 | — 50.9 | — 47.1 | (1) | (1) | (1) |
| Group Total | 16,055 | 21,290 | — 24.6 | — | 99.9 | 99.9 | 99.9 |
| All Others | 7 | 15 | — 53.3 | — | 0.1 | 0.1 | 0.1 |
| TOTAL | 16,062 | 21,305 | — 24.6 | + 4.8 | 100.0 | 100.0 | 100.0 |

[a]Based on data provided for Cuyahoga, Franklin, Hamilton, Lucas, Mahoning, Montgomery, Stark, and Summit counties by Clerks of Court, the Cleveland Automotive Trades Association, and Toledo Automotive Trades Association. [b]Based on reports by R. L. Polk and Company covering 48 states and District of Columbia. [c]Based on 7 major counties same as in footnote *a* excluding Stark County. (1)Less than 1 per cent.

**Footnotes to table on page 3 (continued)**

Board. [g]Commercial failures reported by Dun and Bradstreet, Inc. [h]Industrial power consumption data provided by local power companies. [i]Building occupancy is indicated by the number of gas meters in use. Basic data provided by local gas companies. [j]Construction contracts awarded as reported by F. W. Dodge Corporation. [k]Retail sales based on reports from individual cooperators to the Bureau of Business Research in cooperation with the United States Department of Commerce. *Change in number of failures. (1)Less than 1% change. (2)More than 1000% increase.

## BUSINESS CONDITIONS IN THE CHIEF OHIO CITIES

**(In all Indexes, 1926 = 100)**

### AKRON

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Changes: Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| | | | % | % | % | % |
| Employment Indexes[c] | | | | | | |
| All Industries (535)[d] | 80 | 80 | (1) | — 7 | — | + 12 |
| Manufacturing (83) | 77 | 76 | (1) | — 8 | — | + 12 |
| Non-Manufact. (370) | 64 | 65 | — 2 | (1) | — | + 7 |
| Construction (82) | 63 | 63 | (1) | + 32 | — | + 43 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | (1) | — | — | — |
| Manufacturing | — | — | (1) | — | — | — |
| Non-Manufacturing | — | — | + 1 | — | — | — |
| Construction | — | — | + 10 | — | — | — |
| Retail Sales[k] (37) | — | — | — 1.6 | + 13.8 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,677 | 2,140 | — 22 | — 2 | — | + 24 |
| Trucks | 144 | 204 | — 29 | + 12 | — | + 32 |
| Bank Debits Index[f] | 75 | 74 | (1) | + 19 | + 14 | + 19 |
| Commercial Failures:[g] | | | | | | |
| Number | 6 | 9 | — 3* | + 6* | — | + 15* |
| Liabilities (Thous. Dol.) | 22 | 38 | — 42 | (3) | — | +139 |
| Indus. Power Consumption Index[h] | 89 | 68 | + 30 | + 47 | — | + 32 |
| Bldg. Occupancy Index[i] | 125 | 125 | (1) | + 1 | (1) | + 2 |
| Value Construc. Contracts Awarded Index[j] | 24 | 32 | — 26 | — 37 | + 43 | + 10 |

### CANTON

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (217)[d] | 100 | 97 | + 3 | + 19 | — | + 13 |
| Manufacturing (75) | 106 | 103 | + 3 | + 22 | — | + 14 |
| Non-Manufact. (142) | 77 | 76 | (1) | + 2 | — | + 5 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | + 10 | — | — | — |
| Manufacturing | — | — | + 10 | — | — | — |
| Non-Manufacturing | — | — | + 4 | — | — | — |
| Retail Sales[k] (36) | — | — | + 5.9 | + 29.1 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,076 | 1,468 | — 27 | + 3 | — | + 21 |
| Trucks | 144 | 149 | — 3 | + 14 | — | + 22 |
| Bank Debits Index[f] | 92 | 82 | + 12 | + 29 | + 7 | + 23 |
| Commercial Failures:[g] | | | | | | |
| Number | 3 | 0 | + 3* | 0* | — | — 2* |
| Liabilities (Thous. Dol.) | 30 | 0 | (3) | + 88 | — | — 4 |
| Bldg. Occupancy Index[i] | 107 | 107 | (1) | + 2 | (1) | + 2 |
| Value Construc. Contracts Awarded Index[j] | 11 | 17 | — 32 | — 38 | +262 | + 34 |

### CINCINNATI

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (1937)[d] | 116 | 115 | (1) | + 8 | — | + 8 |
| Manufacturing (363) | 126 | 127 | (1) | + 10 | — | + 7 |
| Non-Manufact. (1231) | 97 | 96 | (1) | (1) | — | + 2 |
| Construction (343) | 55 | 51 | + 8 | + 44 | — | + 55 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | (1) | — | — | — |
| Manufacturing | — | — | — 4 | — | — | — |
| Non-Manufacturing | — | — | + 2 | — | — | — |
| Construction | — | — | + 17 | — | — | — |
| Retail Sales[k] (61) | — | — | —12.3 | +21.0 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 2,350 | 3,553 | — 34 | + 16 | — | + 17 |
| Trucks | 382 | 509 | — 25 | + 30 | — | + 33 |
| Bank Debits Index[f] | 103 | 106 | — 2 | + 22 | + 8 | + 18 |
| Commercial Failures:[g] | | | | | | |
| Number | 5 | 5 | 0* | + 1* | — | + 6* |
| Liabilities (Thous. Dol.) | 40 | 86 | — 53 | + 11 | — | +171 |
| Bldg. Occupancy Index[i] | 108 | 108 | (1) | + 4 | (1) | + 4 |
| Value Construc. Contracts Awarded Index[j] | 41 | 71 | — 42 | — 40 | + 30 | + 84 |

### CLEVELAND

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (2086)[d] | 106 | 104 | + 2 | + 14 | — | + 11 |
| Manufacturing (557) | 120 | 120 | (1) | + 18 | — | + 25 |
| Non-Manufact. (1012) | 74 | 72 | + 2 | + 6 | — | + 8 |
| Construction (517) | 64 | 50 | + 28 | + 80 | — | + 92 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | + 4 | — | — | — |
| Manufacturing | — | — | + 4 | — | — | — |
| Non-Manufacturing | — | — | + 1 | — | — | — |
| Construction | — | — | + 42 | — | — | — |
| Retail Sales[k] (91) | — | — | — 0.9 | +14.2 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 5,405 | 6,485 | — 17 | — 5 | — | + 10 |
| Trucks | 479 | 542 | — 12 | + 7 | — | + 8 |
| Bank Debits Index[f] | 88 | 86 | + 3 | + 25 | + 8 | + 21 |
| Commercial Failures:[g] | | | | | | |
| Number | 9 | 10 | — 1* | 0* | — | — 9* |
| Liabilities (Thous. Dol.) | 163 | 95 | + 72 | — 47 | — | — 46 |
| Bldg. Occupancy Index[i] | 104 | 104 | (1) | + 2 | (1) | + 2 |
| Value Construc. Contracts Awarded Index[j] | 39 | 20 | + 93 | + 46 | — 18 | + 3 |

For Footnotes see Page 2.

### COLUMBUS

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| | | | % | % | % | % |
| Employment Indexes[c] | | | | | | |
| All Industries (445)[d] | 94 | 95 | (1) | + 13 | — | + 15 |
| Manufacturing (127) | 98 | 99 | — 2 | + 16 | — | + 18 |
| Non-Manufact. (318) | 84 | 83 | (1) | + 7 | — | + 7 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | — 1 | — | — | — |
| Manufacturing | — | — | — 2 | — | — | — |
| Non-Manufacturing | — | — | (1) | — | — | — |
| Retail Sales[k] (49) | — | — | — 7.1 | +13.7 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,655 | 2,266 | — 27 | + 5 | — | + 16 |
| Trucks | 203 | 284 | — 29 | + 7 | — | + 27 |
| Bank Debits Index[f] | 124 | 127 | — 2 | — 2 | + 11 | + 17 |
| Commercial Failures:[g] | | | | | | |
| Number | 3 | 2 | + 1* | 0* | — | — 6* |
| Liabilities (Thous. Dol.) | 4 | 18 | — 76 | — 98 | — | — 87 |
| Bldg. Occupancy Index[i] | 120 | 120 | (1) | + 2 | (1) | + 2 |
| Value Construc. Contracts Awarded Index[j] | 59 | 25 | +132 | +298 | — 20 | + 70 |

### DAYTON

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (455)[d] | 149 | 147 | + 1 | + 22 | — | + 30 |
| Manufacturing (125) | 149 | 147 | + 1 | + 27 | — | + 15 |
| Non-Manufact. (211) | 134 | 132 | + 2 | + 14 | — | + 14 |
| Construction (119) | 11 | 10 | + 11 | + 59 | — | + 61 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | + 6 | — | — | — |
| Manufacturing | — | — | + 7 | — | — | — |
| Non-Manufacturing | — | — | (1) | — | — | — |
| Construction | — | — | + 8 | — | — | — |
| Retail Sales[k] (31) | — | — | — 5.8 | +39.0 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,340 | 1,995 | — 33 | + 24 | — | + 28 |
| Trucks | 142 | 156 | — 9 | + 63 | — | + 28 |
| Bank Debits Index[f] | 97 | 92 | + 5 | + 40 | + 11 | + 34 |
| Commercial Failures:[g] | | | | | | |
| Number | 3 | 1 | + 2* | + 1* | — | — 6* |
| Liabilities (Thous. Dol.) | 25 | 12 | +116 | — 36 | — | — 63 |
| Indus. Power Consumption Index[h] | 241 | 225 | + 7 | + 28 | — | + 24 |
| Value Construc. Contracts Awarded Index[j] | 14 | 45 | — 70 | + 29 | — 37 | + 49 |

### TOLEDO

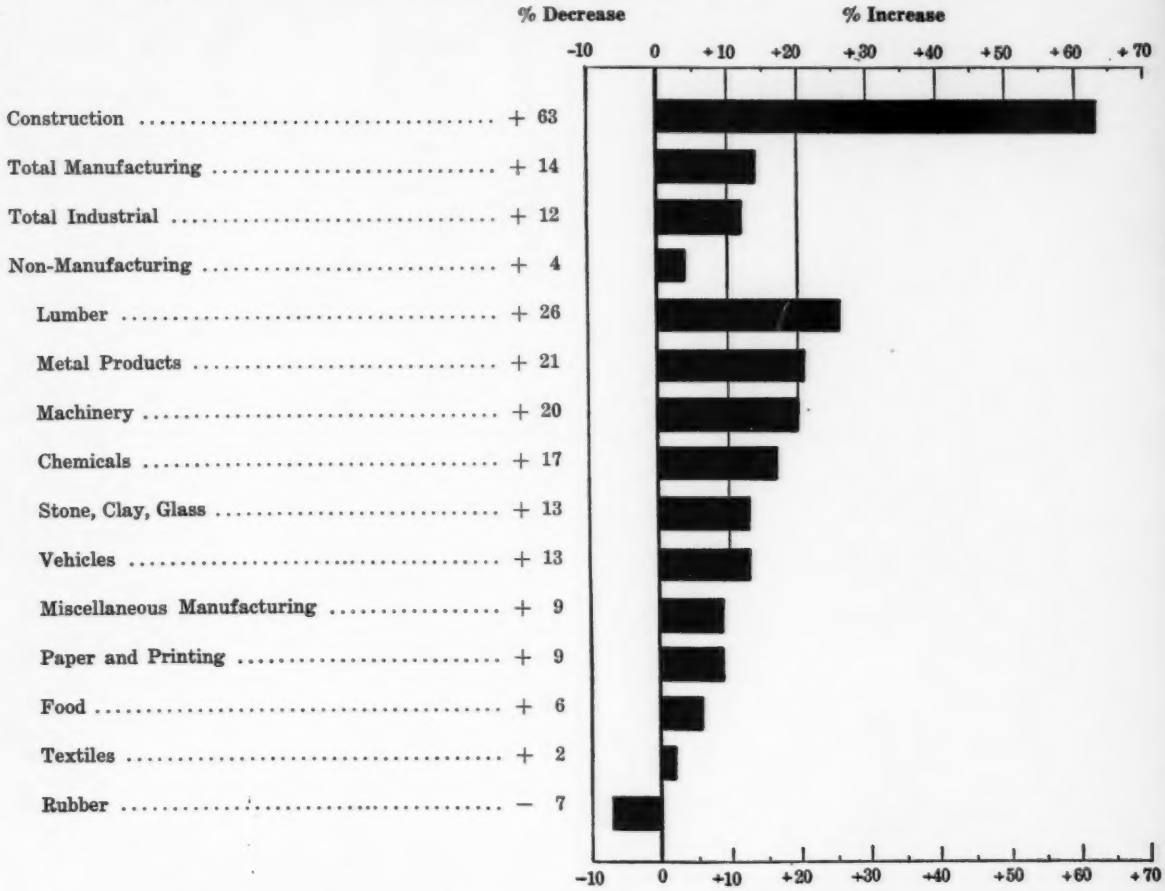
| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (429)[d] | 122 | 124 | — 2 | + 8 | — | + 15 |
| Manufacturing (124) | 141 | 144 | — 3 | + 6 | — | + 15 |
| Non-Manufact. (305) | 83 | 83 | + 1 | + 11 | — | + 13 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | (1) | — | — | — |
| Manufacturing | — | — | (1) | — | — | — |
| Non-Manufacturing | — | — | + 3 | — | — | — |
| Retail Sales[k] (49) | — | — | + 3.1 | +12.7 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,477 | 1,952 | — 24 | + 4 | — | + 6 |
| Trucks | 158 | 156 | + 1 | + 18 | — | + 11 |
| Bank Debits Index[f] | 63 | 70 | — 11 | + 20 | + 9 | + 26 |
| Commercial Failures:[g] | | | | | | |
| Number | 4 | 3 | + 1* | — 4* | — | — 6* |
| Liabilities (Thous. Dol.) | 148 | 11 | (3) | + 10 | — | — 1 |
| Indus. Power Consumption Index[h] | 179 | 179 | (1) | + 9 | — | + 8 |
| Value Construc. Contracts Awarded Index[j] | 39 | 48 | — 19 | — 12 | + 34 | + 10 |

### YOUNGSTOWN

| Item | Apr.[a] 1937 | Mar.[b] 1937 | Apr. 1937 from Mar. 1937 | Apr. 1937 from Apr. 1936 | 5-Year Avg. Apr. from Mar. | First 4 Mos. 1937 from 1936 |
|---|---|---|---|---|---|---|
| Employment Indexes[c] | | | | | | |
| All Industries (331)[d] | 95 | 93 | + 2 | + 23 | — | + 23 |
| Manufacturing (58) | 89 | 87 | + 2 | + 22 | — | + 21 |
| Non-Manufact. (199) | 84 | 83 | (1) | + 7 | — | + 9 |
| Construction (74) | 69 | 61 | + 14 | +119 | — | + 82 |
| Payrolls:[c] | | | | | | |
| All Industries | — | — | + 18 | — | — | — |
| Manufacturing | — | — | + 19 | — | — | — |
| Non-Manufacturing | — | — | + 3 | — | — | — |
| Construction | — | — | + 14 | — | — | — |
| Retail Sales[k] (27) | — | — | — 5.0 | +21.1 | — | — |
| Number of New Car Bills of Sales Filed:[e] | | | | | | |
| Passenger Cars | 1,082 | 1,446 | — 25 | + 13 | — | + 44 |
| Trucks | 123 | 142 | — 13 | + 13 | — | + 51 |
| Bank Debits Index[f] | 86 | 80 | + 8 | + 32 | + 10 | + 27 |
| Commercial Failures:[g] | | | | | | |
| Number | 0 | 2 | — 2* | 0* | — | + 1* |
| Liabilities (Thous. Dol.) | 0 | 11 | —100 | 0 | — | — 77 |
| Indus. Power Consumption Index[h] | 224 | 218 | + 3 | + 45 | — | + 46 |
| Bldg. Occupancy Index[i] | 117 | 116 | (1) | + 2 | (1) | + 2 |
| Value Construc. Contracts Awarded Index[j] | 25 | 23 | + 8 | +217 | — 38 | +459 |

## CHANGES IN EMPLOYMENT IN OHIO BY MAJOR INDUSTRIAL GROUPS

April, 1937 from April, 1936




## Sales of Independent Retail Stores in Ohio[a]—April, 1937

| Kind of Business | Number of Reports | Sales Reported | | | | | Number of Changes in Sales | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Change April 1937 from | | From March 1937 | | | From April 1936 | | |
| | | Apr. 1937 | Mar. 1937 | Apr. 1936 | Mar. 1937 | Apr. 1936 | Increase | Decrease | Less than 1% | Increase | Decrease | Less than 1% |
| | | 000 $ | 000 $ | 000 $ | % | % | Number | Number | Number | Number | Number | Number |
| Total Grocery | 127 | 915 | 908 | 853 | + 0.8 | + 7.2 | 74 | 39 | 14 | 95 | 27 | 5 |
| Grocery without Meats | 23 | 151 | 135 | 127 | +11.5 | +18.6 | 15 | 5 | 3 | 17 | 5 | 1 |
| Combination Store | 104 | 764 | 772 | 726 | — 1.1 | + 5.2 | 59 | 34 | 11 | 78 | 22 | 4 |
| Country General | 29 | 164 | 150 | 142 | + 9.4 | +14.9 | 22 | 6 | 1 | 22 | 7 | 0 |
| Department Stores | 11 | 767 | 775 | 658 | — 1.1 | +16.4 | 6 | 4 | 1 | 7 | 3 | 1 |
| Total Apparel | 94 | 1,707 | 2,018 | 1,722 | —15.4 | — 0.9 | 26 | 66 | 2 | 40 | 51 | 3 |
| Men's and Boys' Clothing | 41 | 448 | 503 | 465 | —10.9 | — 3.6 | 19 | 21 | 1 | 21 | 20 | 0 |
| Family Clothing | 11 | 114 | 134 | 98 | —15.3 | +16.1 | 3 | 8 | 0 | 5 | 5 | 1 |
| Women's Specialty Shops | 16 | 818 | 995 | 792 | —17.9 | + 3.2 | 1 | 15 | 0 | 9 | 5 | 2 |
| Shoes | 26 | 327 | 385 | 367 | —15.0 | —10.8 | 3 | 22 | 1 | 5 | 21 | 0 |
| Motor Vehicle Dealers | 90 | 4,996 | 5,505 | 4,195 | — 9.2 | +19.1 | 37 | 61 | 1 | 68 | 29 | 2 |
| Filling Stations | 37 | 276 | 265 | 240 | + 4.0 | +14.9 | 23 | 10 | 4 | 27 | 8 | 2 |
| Total Furniture and Household Appliances | 67 | 1,854 | 1,535 | 1,417 | +20.8 | +30.9 | 55 | 10 | 2 | 56 | 11 | 0 |
| Furniture | 57 | 1,742 | 1,446 | 1,333 | +20.5 | +30.7 | 48 | 8 | 1 | 48 | 9 | 0 |
| Lumber and Building Materials Dealers | 53 | 891 | 742 | 610 | +20.1 | +46.0 | 43 | 7 | 3 | 49 | 4 | 0 |
| Hardware | 70 | 549 | 425 | 422 | +29.3 | +30.2 | 66 | 4 | 0 | 61 | 6 | 3 |
| Restaurants | 60 | 751 | 761 | 645 | — 1.3 | +16.4 | 26 | 24 | 10 | 50 | 10 | 0 |
| Drug | 181 | 472 | 477 | 418 | — 0.9 | +13.0 | 71 | 91 | 19 | 151 | 25 | 5 |
| Florists | 9 | 41 | 63 | 56 | —34.8 | —26.0 | 1 | 8 | 0 | 2 | 7 | 0 |
| Jewelry | 91 | 297 | 274 | 238 | + 8.4 | +25.2 | 54 | 33 | 4 | 71 | 17 | 3 |
| Miscellaneous | 7 | 90 | 52 | 35 | +72.5 | +153.7 | 6 | 1 | 0 | 7 | 0 | 0 |
| Total | 935 | 13,771 | 13,949 | 11,652 | — 1.3 | +18.2 | 510 | 364 | 61 | 706 | 205 | 24 |
| Percentage | | | | | | | 54.5 | 38.9 | 6.5 | 75.5 | 21.9 | 2.6 |
| Total—Adjusted for the number of working days | | | | | + 2.5 | +18.2 | | | | | | |

[a] Based on reports from individual cooperators to the Ohio State University Bureau of Business Research, cooperating with the United States Department of Commerce.

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